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Express Mail No. EL401195882US
Docket No. 20347/111656

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :)
Heinrich BACHMANN, et al.) Examiner: Unassigned
Serial No.: Unassigned) Art Unit: Unassigned
Filed: Herewith)
For: **β, β-CAROTENE 15,15'-DIOXYGENASES, NUCLEIC ACID
SEQUENCES CODING THEREFOR AND THEIR USE**

jc678 U.S. PTO
09/504393
02/15/00

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the utility patent application of Inventors:

**Heinrich BACHMANN, Roland BRUGGER,
Arno Martin FRIEDELIN, Gabriele Margarethe WIRTZ,
Wolf-Dietrich WOGGON, Adrian WYSS and Markus WYSS**

For:

1. [x] The application has 30 pages (including specification, claim pages, and abstract).
2. [x] 12 sheets of drawings are enclosed. The drawings are:
 - a. [x] formal; or
 - b. [] informal; formal drawings will be submitted in due course.
3. [x] A Sequence Listing is part of this continuing application.
 - a. [x] A Sequence Listing in both paper and computer readable form (diskette) as required by 37 CFR 1.821 et seq. is enclosed.
 - b. [x] A statement that the content of the paper and computer readable Sequence Listing are the same and that no new matter has been added is enclosed, pursuant to 37 CFR §§1.821(f).
4. [x] The declaration and power of attorney
 - a. [] has been executed by all the inventors; or

- b. has not been executed by all the inventors. A signed declaration and power of attorney will be submitted in due course.
5. An associate power of attorney is enclosed.
6. An assignment of the invention from the Inventor(s) to F. Hoffmann-La Roche AG (with Recordation Form Cover Sheet in duplicate), and an assignment from F. Hoffmann-La Roche AG to Roche Vitamins Inc. (with Recordation Form Cover Sheet in duplicate) are enclosed. Please record the Assignment from the Inventor(s) to F. Hoffmann-La Roche AG first, then record the assignment from F. Hoffmann-La Roche AG to Roche Vitamins Inc., and return both to the undersigned. A duplicate copy of this paper is enclosed.
- a. Two checks in the amount of \$40 each are enclosed to cover the recording fees.
 - b. Please charge the recording fee to our Deposit Account No. 02-4467. A duplicate copy of this paper is enclosed.
7. Priority is hereby claimed under 35 USC §119 based on Appln. No. **99103382.0**, filed **February 22, 1999** in **Europe**.
- a. A certified copy of the priority document is enclosed.
 - b. The certified priority document will follow.
8. Priority is hereby claimed under 35 USC §119(e) based on provisional application Serial No. _____, filed _____, in _____. Please amend the specification by inserting, before the first line, the following sentence: -- This application claims priority under 35 U.S.C. § 119(e) of provisional application Serial No _____, filed _____.
9. The filing fee is calculated below on the basis of the claims existing in the prior application plus or minus any claims added or canceled by amendment:

Claims as Filed, Plus/Minus Any Claims Added/Canceled By Amendment

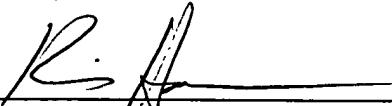
For	Number Filed	Number Extra	Rate	Basic Fee = \$	690.00
Total claims	35 -20=	15	x \$18 =	\$	270.00
Independent claims	7 -3=	4	x \$78 =	\$	312.00
Total Filing Fees					\$ 1,272.00

- a. A check in the amount of **\$1,272.00** to cover the filing fee is enclosed. If our check is missing or otherwise insufficient, or if any additional fees are required, please charge (or credit any overpayment) to Deposit Account No. 02-4467. A duplicate copy of this paper is enclosed.

- b. [] Please charge Deposit Account No. 02-4467 in the amount of \$ _____.
A duplicate copy of this paper is enclosed.
10. [x] The Commissioner is hereby authorized to charge payment of the following fees, or to credit any overpayment, to Deposit Account No. 02-4467. A duplicate copy of this paper is enclosed.
- a. [x] Any additional filing fees required under 37 CFR Section 1.16 not otherwise paid by check.
 - b. [x] Any patent application processing fees required under 37 CFR Section 1.17 not otherwise paid by check.
 - c. [x] Any additional Assignment recording fees under 37 CFR Section 1.21 (h) not otherwise paid by check.
11. [] A preliminary amendment is enclosed. Please enter it before calculating the filing fee.
12. [] An Information Disclosure Statement is enclosed.
13. [x] Address all communications to:

Mark E. Waddell, Esq.
Bryan Cave, LLP
245 Park Avenue
New York, NY 10167-0034
tel. (212) 692-1800

Respectfully submitted,

By: 

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Registration No. 40,402
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CERTIFICATE OF EXPRESS MAILING

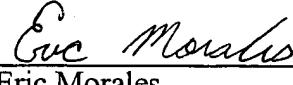
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Date of Deposit: February 15, 2000

I hereby certify that the following:

- Certificate of Express Mailing
- Transmittal letter (3 pp, in duplicate)
- Specification, Claims and Abstract (30 pp)
- Twelve (12) Sheets of Formal Drawings
- Sequence Listing (11 pp)
- Computer Readable Sequence Listing (Diskette)
- Statement Under 37 CFR § 1.821 or § 1.825 (2 pp)
- Declaration and Power of Attorney (unexecuted) (4 pp)
- Certified Priority Document EP 99103382.0
- Check in the amount of \$1,272.00 (Filing fee)
- Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR Section 1.10 on the Date of Deposit indicated above in an envelope addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.



Eric Morales
Signature of Person Making Deposit

BRYAN CAVE LLP
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New York, New York 10167-0034
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